

STEREO POWER AMPLIFIER

KM-894

INSTRUCTION MANUAL

KENWOOD CORPORATION

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on this product.

Model _____ Serial Number _____

Unpacking

Unpack the unit carefully and make sure that all accessories are put aside so they will not be lost.

Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

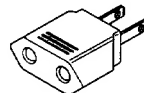
We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

Accessories

Audio cord 2 AC plug adaptor 1



Except for the U.S.A., Mexico, Canada,
Australia and U.S. Military



Contents

Read the pages marked Δ carefully to ensure safe operations.

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Special feature

 **Caution:** Read this page carefully to ensure safe operation.

SURROUND STEREO selector
(on the front panel):

Switches the speaker output to the center and sub-woofer speakers or to B speaker system of the KA-994.

SUB WOOFER VOLUME knob
(on the rear panel):

Adjusts the volume of the sub-woofer speaker.

Before applying power

Units are designed for operations as follows.

U.S.A., Mexico and Canada 120 V only
U.K. and Australia 240 V only
Europe (Except for U.K.) 230 V only
Other countries 110-120/220/230-240 V switch

For the United Kingdom

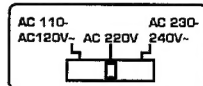
Factory fitted moulded mains plug

1. The mains plug contains a fuse. For replacement, use only a 13-Amp ASTA-approved (BS1362) fuse.
2. The fuse cover must be refitted when replacing the fuse in moulded plug.
3. Do not cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or adaptor, or consult your dealer.
If nonetheless the mains plug is cut off, remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply.

AC voltage selection

This unit operates on 110-120/220/230-240 volts AC. The AC voltage selector switch on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction.

AC voltage selector switch







Move switch lever to match your line voltage with a small screwdriver or other pointed tool.

Note:

Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC voltage selector switch.

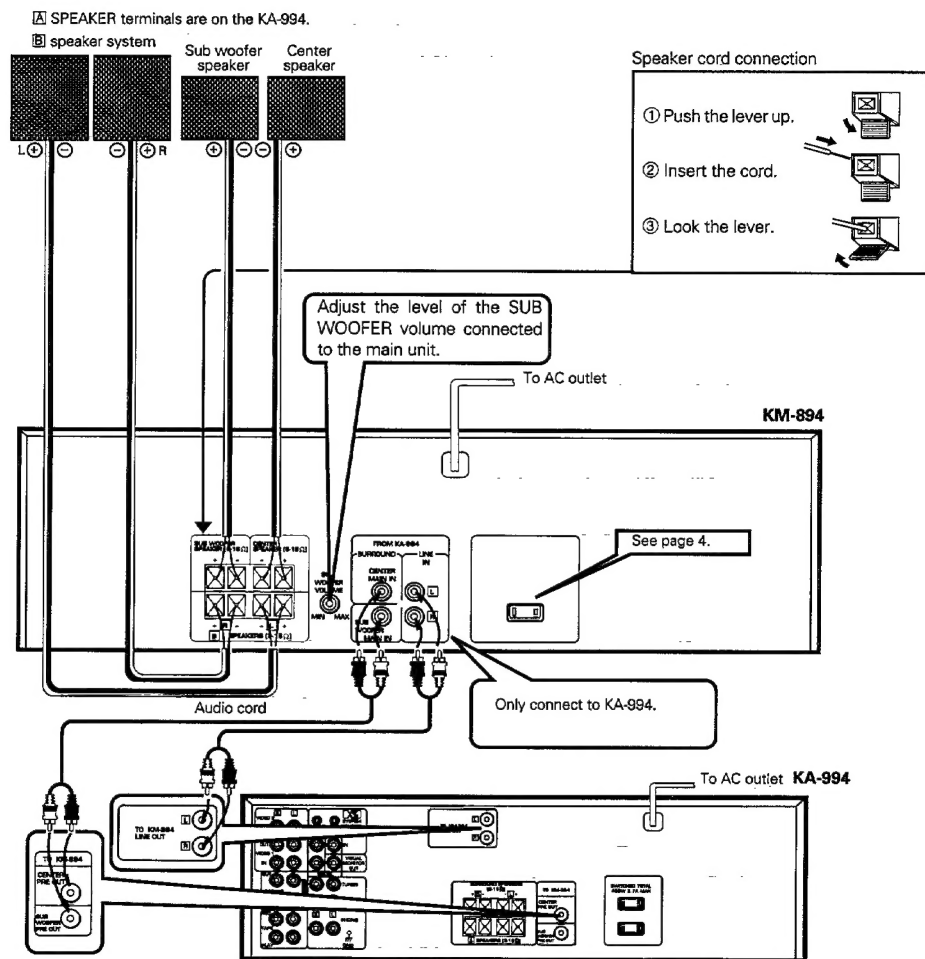
Safety precautions

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN		CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
	THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.		
	THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.		

System connections

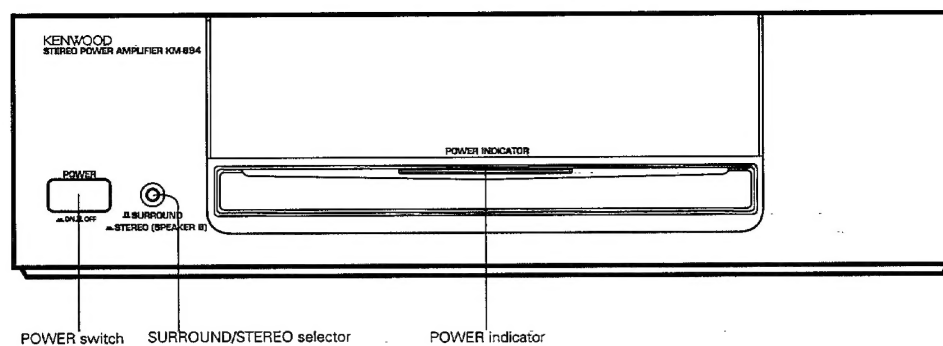
Make connections as shown below. When connecting the related system components, refer also to the instruction manuals of the related components.
Do not plug in the power lead until all connections are completed.



Notes:

1. Connect all cords firmly. If connections are loose, there could be loss sound or noise produce.
2. When plugging and unplugging connection cords, be sure to first remove the power cord from the AC outlet. Plugging/unplugging connection cords without removal of the power cord can cause malfunctions or damage to the unit.
3. Do not connect up a power source which is larger than that indicated on the socket at the rear of the unit.

Controls and indicators



- SURROUND : Turn on the speakers connected to the CENTER and SUB WOOFER terminals through the CENTER, SUB WOOFER terminals on the pre-main amplifier KA-994.
- ▢ STEREO : Turn on the speakers connected to the B SPEAKERS terminals through the LINE OUT on the pre-main amplifier KA-994.

AC outlet on the rear panel

UNSWITCHED AC outlet

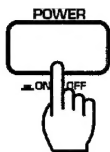
The power of the component connected to this kind of AC outlet can be switched ON/OFF regardless of the POWER switch on the main unit.

Unit destination	Shape of the AC outlet
For U.S.A., Canada and U.S. Military	
For Australia	
For other countries	

Operating instructions

■ Listening to a program source

1 Switch the power on.



2 Select the speaker positioning "SURROUND" or "STEREO (SPEAKER B)". See page 4. When the SURROUND position is selected, refer to the surround operation of the KA-994 instruction manual.

3 Select an input source on the KA-994 amplifier.

- The audio signal of that source will be input from the KA-994 amplifier connected to this unit.

4 Adjust the volume on the KA-994 amplifier.

5 Adjust the tone on the KA-994 amplifier.

In case of difficulty

What appears to be a malfunction may not always be serious. If your unit should not perform as expected, consult the table below to see if the problem can be corrected before seeking help from your dealer or service representative.

Symptom	Cause	Remedy
Power is on but no sound. (indicator is off.)	<ul style="list-style-type: none">● Poor connection at wall outlet. Power outlet inactive.	<ul style="list-style-type: none">● Check outlet using a lamp or other appliance (outlet may be controlled by a wall switch).
Sound is not output. (indicator lights.)	<ul style="list-style-type: none">● Protection circuitry operating.● The speaker cords are disconnected.● The VOLUME is set to minimum position. (KA-994)● Speaker switched to other position.● Speaker cords are short-circuited.● Audio cords are short-circuited.	<ul style="list-style-type: none">● Turn the POWER switch OFF, identify and remove the cause, and turn the POWER switch ON again.● Connect them properly referring to "System connections".● Adjust the KA-994 amplifier's volume to a proper level.● Check speaker switch.● Turn the power off, eliminate the short circuiting, then turn on the power again.
Sound is not output from one of the speakers.	<ul style="list-style-type: none">● The speaker cord is disconnected.● The BALANCE control is set to an extreme position. (KA-994)	<ul style="list-style-type: none">● Connect it properly referring to "System connections".● Adjust the Left/Right balance. (KA-994)

Notes:

Do not use contact cleaners because it could cause a malfunction. Be specially wary of contact cleaners containing oil, for they may deform the plastic components.

Specifications

 **Caution: Read this page carefully
to ensure safe operation.**

For the USA, Mexico and Canada

AUDIO section

Rated power output

STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.09% total harmonic distortion.

Total harmonic distortion

..... 0.01% (1kHz, 50 W, 8 Ω)

Frequency response

MAIN IN

..... 10 Hz ~ 65 kHz, +0 dB, -3 dB

Signal to noise ratio

(IHF'66)

MAIN IN 103 dB

Input sensitivity/impedance

MAIN IN 150 mV/40 k Ω

GENERAL

Power consumption 2.3 A

AC outlet

UNSWITCHED 30 W max.

Dimensions W: 440 mm (17-5/16")

H: 133 mm (5-1/4")

D: 263 mm (10-3/8")

Weight (Net) 6.4 kg (14.1 lb)

For other countries

AUDIO section

Rated power output

STEREO MODE

(IHF'66)

1 kHz, 0.09% T.H.D. at 8 Ω 100 W + 100 W

(EIAJ)

1 kHz, 10% T.H.D. at 8 Ω 145 W + 145 W

Total harmonic distortion

..... 0.01% (1kHz, 50 W, 8 Ω)

Frequency response

MAIN IN

..... 10 Hz ~ 65 kHz, +0 dB, -3 dB

Signal to noise ratio

(IHF'66)

MAIN IN 103 dB

Input sensitivity/impedance

MAIN IN 150 mV/40 k Ω

GENERAL

Power consumption 200 W

AC outlet

UNSWITCHED 30 W max.

Dimensions W: 440 mm

H: 133 mm

D: 263 mm

Weight (Net) 6.4 kg

Note:

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD